TA-N731

SERVICE MANUAL

US Model
Canadian Model

- TA-N731 is a model designed based on the TA-N721.
  The mechanical parts of the TA-N731 differ from those of the TA-N721.

- For additional information refer to the TA-N721 Service Manual.

AV POWER AMPLIFIER

SONY®

EXPLODED VIEWS

Parts comparison table of TA-N721 and TA-N731.

Page	TA-N721	TA-N731
14	1 X-4942-292-1 PANEL ASSY, FRONT (US, Canadian)	1 X-4943-110-2 PANEL ASSY, FRONT (US, Canadian)
	* 18 A-4347-313-A POWER IC BOARD, COMPLETE (US)	* 18 A-4360-829-A POWER IC BOARD, COMPLETE (US)
	* 22 4-949-956-01 PANEL, BACK (US)	* 22 4-949-956-31 PANEL, BACK (US)
	* 22 4-949-956-21 PANEL, BACK (Canadian)	* 22 4-949-956-51 PANEL, BACK (Canadian)
	* 26 A-4347-311-A MAIN BOARD, COMPLTE (US)	* 26 A-4360-829-A MAIN BOARD, COMPLTE (US)
	28 9-911-843-XX CUSHION	28 4-959-662-01 CUSHION (US)
		28 4-953-348-01 CUSHION (Canadian)
	⚠T901 1-450-803-11 TRANSFORMER, POWER (US)	⚠T901 1-423-698-11 TRANSFORMER, POWER (US)

ELECTRICAL PARTS LIST

Parts comparison table of TA-N721 and TA-N731.

Page	TA-N721	TA-N731
15	* A-4347-311-A MAIN BOARD, COMPLETE (US) **********	* A-4360-829-A MAIN BOARD, COMPLETE (US) **********
16	R311 1-217-611-00 RES, METAL PLATE 0.1	R311 1-217-151-00 RES, METAL PLATE 0.22 (US) R311 1-217-611-00 RES, METAL PLATE 0.1 (Canadian)
17	R317 1-247-704-11 RES, METAL PLATE 220 5% 1/4W	R317 JUMPER WIRE (US) R317 1-247-704-11 RES, METAL PLATE 220 5% 1/4W (Canadian)
	R417 1-247-704-11 RES, METAL PLATE 220 5% 1/4W	R417 JUMPER WIRE (US) R417 1-247-704-11 RES, METAL PLATE 220 5% 1/4W (Canadian)
	R411 1-217-611-00 RES, METAL PLATE 0.1	R411 1-217-151-00 RES, METAL PLATE 0.22 (US) R411 1-217-611-00 RES, METAL PLATE 0.1 (Canadian)
	⚠R602 1-215-909-11 METAL OXIDE 47 5% 3W F	⚠R602 1-215-907-11 METAL OXIDE 22 5% 3W F (US) ⚠R602 1-215-909-11 METAL OXIDE 47 5% 3W F (Canadian)
	R796 1-249-399-11 CARBON 33 5% 1/4W	R796 JUMPER WIRE (US) R796 1-249-399-11 CARBON 33 5% 1/4W (Canadian)
	⚠R797 1-247-741-11 CARBON 150 5% 1/2W F	R797 JUMPER WIRE (US) ⚠R797 1-247-741-11 CARBON 150 5% 1/2W F (Canadian)
19	* A-4347-313-A POWER IC BOARD, COMPLETE (US) **********	* A-4360-829-A POWER IC BOARD, COMPLETE (US) **********
	IC301 8-749-900-24 IC STK-4162MK2	IC301 8-749-900-95 IC STK-4122MK2 (US) IC301 8-749-900-24 IC STK-4162MK2 (Canadian)
20	MISCELLANEOUS ********** ⚠T901 1-450-803-11 TRANSFORMER, POWER (US)	MISCELLANEOUS ********** ⚠T901 1-423-698-11 TRANSFORMER, POWER (US)
	ACCESSORIES & PACKING MATELIALS ********** 3-754-930-11 MANUAL, INSTRUCTION (ENGLISH/FRENCH) (E, Canadian) 3-754-930-21 MANUAL, INSTRUCTION (ENGLISH) (US) * 4-949-874-01 INDIVIDUAL CARTON (US, E)	ACCESSORIES & PACKING MATELIALS ********** 3-756-652-21 MANUAL, INSTRUCTION (ENGLISH) (US, Canadian) 3-756-652-31 MANUAL, INSTRUCTION (FRENCH) (Canadian) * 4-946-036-01 INDIVIDUAL CARTON (US, Canadian)

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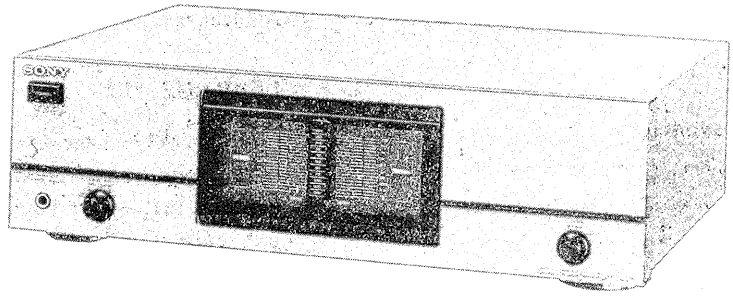
9-957-907-11

Sony Corporation
Audio Group

TA-N721

SERVICE MANUAL

US Model
Canadian Model
E Model



SPECIFICATIONS

AUDIO POWER SPECIFICATIONS

POWER OUTPUT AND TOTAL HARMONIC DISTORTION:

With 8-ohm loads, both channels driven, from 20 - 20,000 Hz; rated 135 watts per channel minimum RMS power, with less than 0.9% total harmonic distortion from 250 milliwatts to rated output.

Amplifier section

Power bandwidth (IHF)
7 Hz – 30 kHz (8 ohms)
Overall output (1 kHz)
135 W + 135 W (front, at rear/center off at 8 ohms)
25 W + 25 W (rear, at front/center off at 8 ohms)
50 W (center, at front/rear off at 4 ohms)
Harmonic distortion
Less than 0.9% (at 1 kHz, 8 ohms loads, front: 135 W + 135 W, rear/center off)
Intermodulation (IM) distortion (60 Hz : 7 kHz)
Less than 0.9 % at rated output
Frequency response
INPUT (FRONT/REAR/CENTER):
10 Hz – 70 kHz ±3 dB
Input sensitivity 1 V (50 kilohms)
Damping factor 40 (8 ohms, 1 kHz)
Signal-to-noise ratio
115 dB
Output FRONT SPEAKER and REAR SPEAKER:
Accepts speakers of 8 - 16 ohms.
CENTER SPEAKER:
Accepts speaker of 4 - 16 ohms
HEADPHONES:
Accepts low and high impedance headphones.

General

Power requirements
US, Canadian Model : 120V AC, 60Hz
E Model : 120/220/240 V AC, 50/60Hz
Power consumption
US Model : 250W
E Model : 265W
Dimensions Approx. 430 x 130 x 345 mm (w/h/d)
(17 x 5 1/8 x 13 5/8 inches)
(including projecting parts and controls)
Weight Approx. 9.5 kg (20 lb 15 oz)

Design and specifications are subject to change without notice.

AV POWER AMPLIFIER

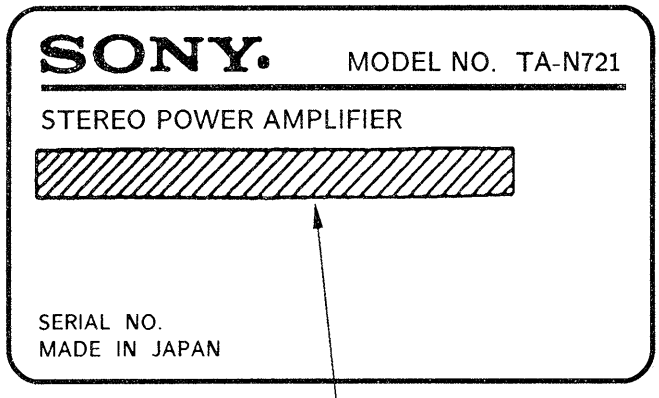
SONY®

TABLE OF CONTENTS

Section	Title	Page
1. GENERAL		3
2. ELECTRICAL MEASUREMENTS		5
3. DIAGRAMS		
3-1.	Semiconductor Lead Layouts	5
3-2.	Printed Wiring Boards	6
3-3.	Schematic Diagram	9
3-4.	Circut Boards Location	12
3-5.	IC Block Diagrams	12
4. EXPLODED VIEWS		13
5. ELECTRICAL PARTS LIST		15

MODEL IDENTIFICATION

- Specification Label -



US Model : AC : 120V 60Hz 250W
Canadian Model : AC : 120V 60Hz 370VA
E Model : AC : 120/220/240V~50/60Hz 265W

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety check before releasing the set to the customer:
Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microampers). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2 V AC range are suitable. (See Fig. A)

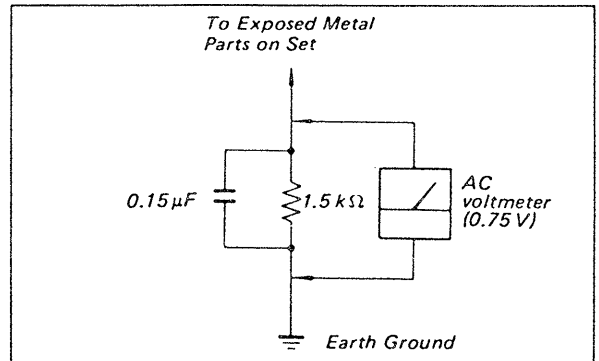


Fig. A. Using an AC voltmeter to check AC leakage.

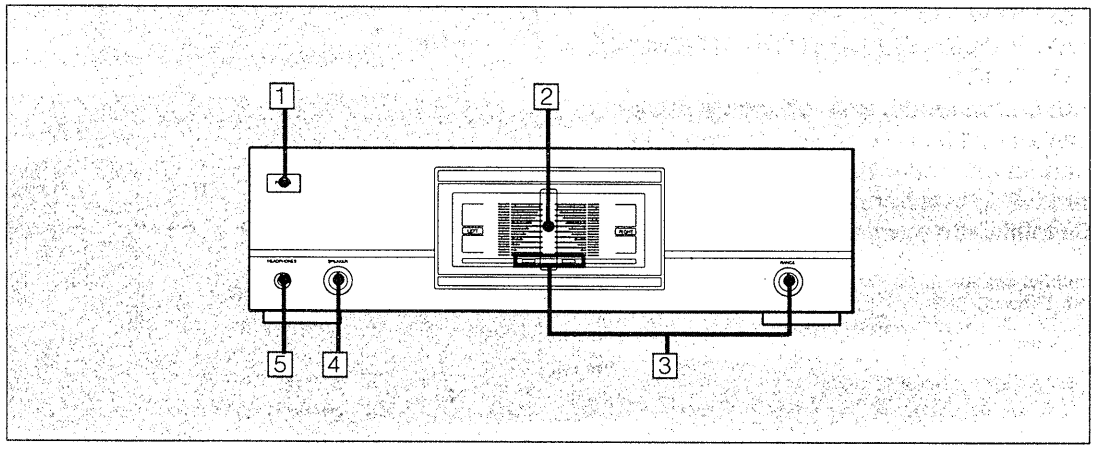
ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!

LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE ⚠ SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

SECTION 1
GENERAL

This section is extracted from instruction manual.

Function of Controls



1 POWER switch

Press to turn ON or OFF the unit.
To control the power of the unit with the power switch (SYSTEM POWER) of the AV control amplifier, connect the power cord of the unit to the switched AC outlet of the AV control amplifier and usually set the POWER switch of the unit to ON.

2 Peak power meters

Indicate the peak power levels of the LEFT and RIGHT channels independently.

3 RANGE selector and indicators

Select the range of the peak power meters:
x1: Peak power level is indicated by the scales (for use when listening at the high volume level).
x1/10: Peak power level is indicated by 1/10 of the scales (for use when listening at the low volume level).

4 SPEAKERS selector

Select the speaker system to be used.
A: To drive speaker system A.
B: To drive speaker system B.
A+B: To drive both speaker systems A and B.
OFF: For headphones listening only.

Notes

- Speaker systems A and B are series connected. No sound can be heard if the SPEAKERS selector is set to A+B when only one speaker system is connected.
- The sound of the rear (surround) or center (Dolby* Pro Logic) speakers can be heard only when surround mode is selected on the AV control amplifier.

* Manufactured under license from Dolby Laboratories Licensing Corporation. Additionally licensed under one or more of the following patents: U.S. numbers 3,632,886, 3,746,792, and 3,959,590. Canadian numbers 1,004,603 and 1,037, 887. "DOLBY" and the double-D symbol ⊡⊡ are trademarks of Dolby Laboratories Licensing Corporation.

5 HEADPHONES jack (stereo phone jack)

Connect headphones for listening the sound of front speakers.

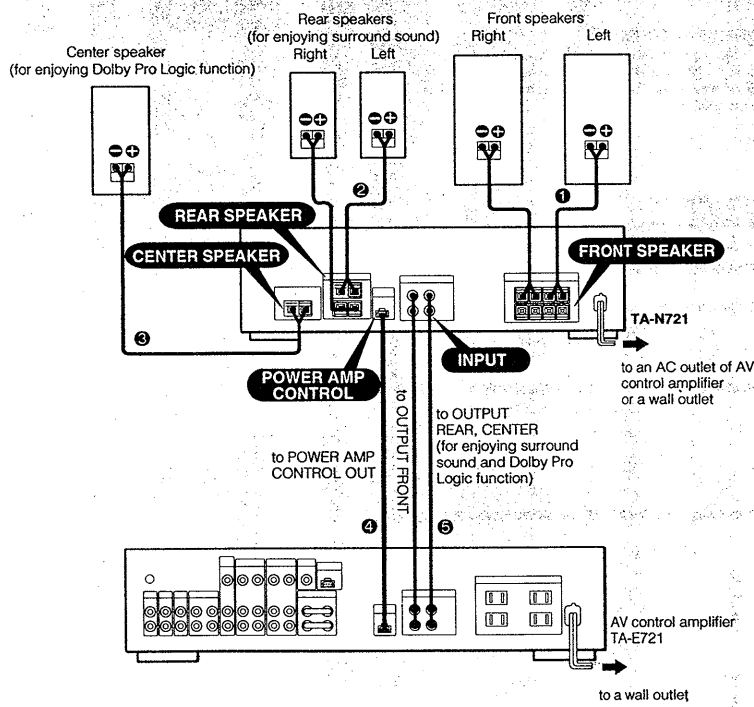
Notes

- After setting the volume level to minimum on the AV control amplifier, connect headphones.
- The sound of rear and center speakers cannot be heard from headphones.
- When using headphones, set the SPEAKERS selector on the front panel and the surround mode switch on the AV control amplifier to off so that sound may not be output from the front, rear, or center speakers.

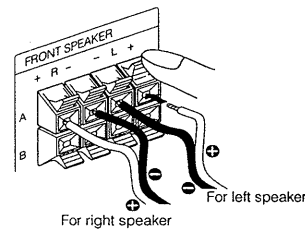
Connections

- Connect the AC power cord last. Make sure power is off.
- Cord plugs and jacks are color coded. Red plugs and jacks are for right channel (R) of the FRONT INPUT terminals and white ones for left channel (L) of that terminals. And also, red plugs and jacks are for REAR terminal and white ones for CENTER terminal.
- The cable connectors should be fully inserted into the jacks. A loose connection may cause hum and noise.
- The + and – cords of the speaker systems should be correctly connected to the + and – terminals of the amplifier respectively.

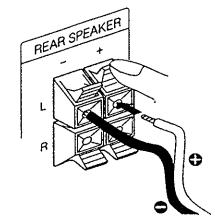
The numbers correspond to the following details.



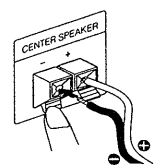
❶ Front speaker cords
You can connect two pairs of speaker systems: system A and system B.
They can be selected individually or simultaneously with the selector on the front panel.



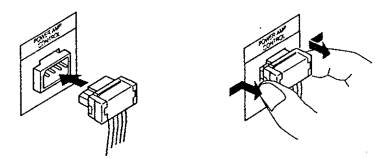
❷ Rear speaker cords
Connect a pair of rear speaker systems for enjoying surround sound.



❸ Center speaker cords
Connect one center speaker system for enjoying Dolby Pro Logic function.



❹ Power amplifier control cord (not supplied)
Connect to the POWER AMP CONTROL OUT jack of the AV control amplifier TA-E721 with the control cord.



Push in until it clicks.

To disconnect, pull it out by grasping both sides of the plug.

❺ Audio connection cords (not supplied)
TA-N721 has one REAR INPUT terminal to drive rear speakers, and a CENTER INPUT terminal to drive center speaker.
Connect to the REAR OUTPUT and CENTER OUTPUT terminals of TA-E721 (AV control amplifier) with audio connection cords. (Red colored cord for connection of REAR INPUT terminal on the unit and REAR OUTPUT terminal on the AV control amplifier, and white colored cord for CENTER INPUT and OUTPUT terminals on each unit.)

SECTION 2
ELECTRICAL MEASUREMENTS

DC Bias Measurement

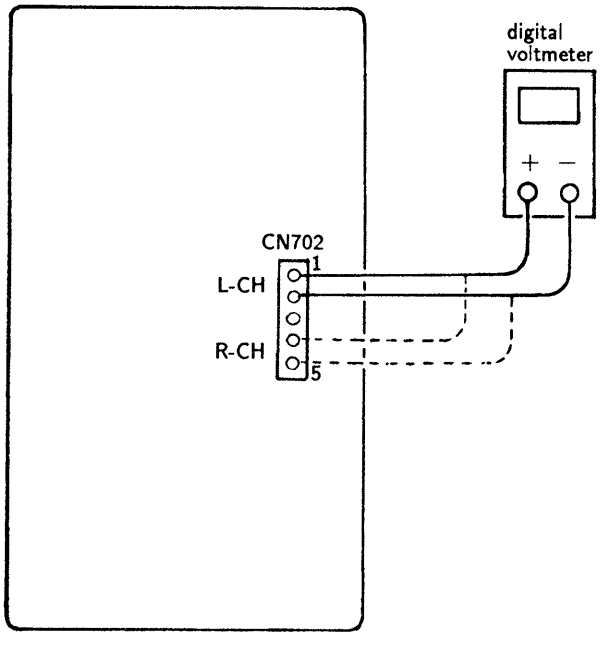
Note : Measure the idling voltage after tuning the unit on for about 10 minutes, giving it time to warm up.

Procedure :

1. Connect the digital voltmeter to CN702 on main board as shown in below drawing.
2. Measure the idling voltage so that the digital voltmeter on signal reads 0.2 - 6mV CN702 LCH and RCH. (with no signal input)

Measurement Location :

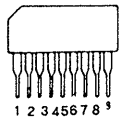
MAIN BOARD (component side)



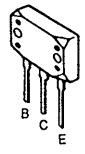
SECTION 3
DIAGRAMS

3-1. SEMICONDUCTOR LEAD LAYOUTS

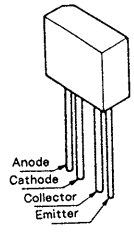
IRE31A



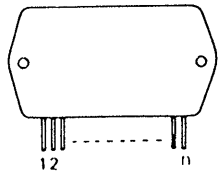
2SA1215M-OPY
2SC2921M-OPY



RBA-402



STK4162MK2



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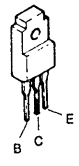
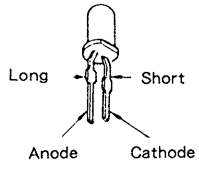
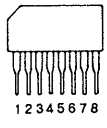
2SC4431



SEL2210R-D



μPC1237HA



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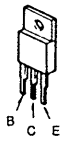
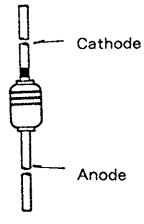


UZL-15H



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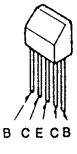
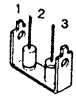
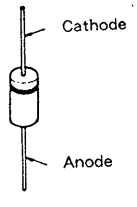


D300

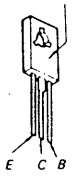


IN4148M



2SA1142
2SC2682

LETTER SIDE



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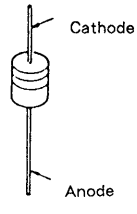


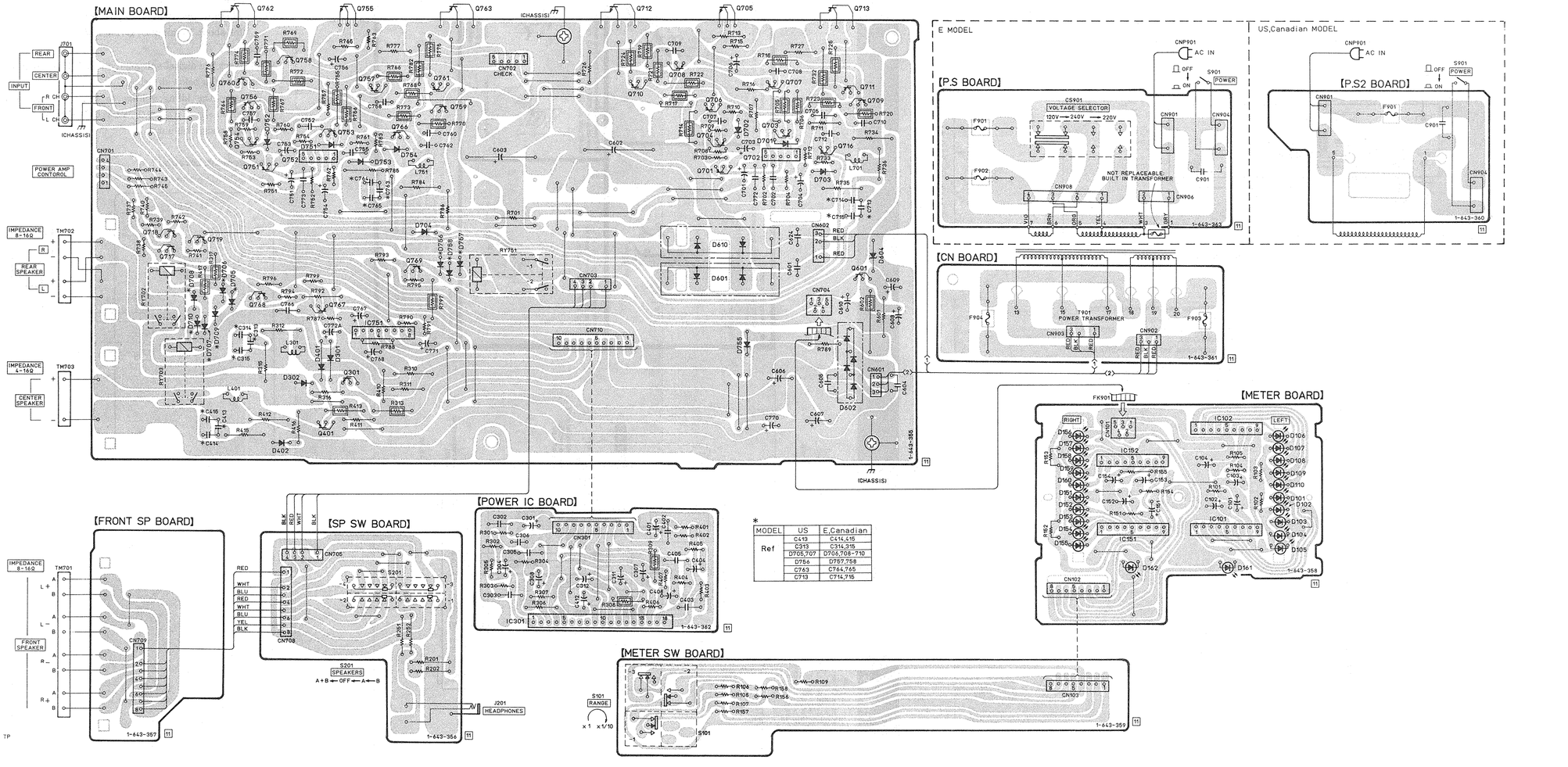
3-2. PRINTED WIRING BOARDS •See page 5 for Semiconductor Lead Layouts. •See page 12 for circuit Boards Locations.

• Semiconductor Location

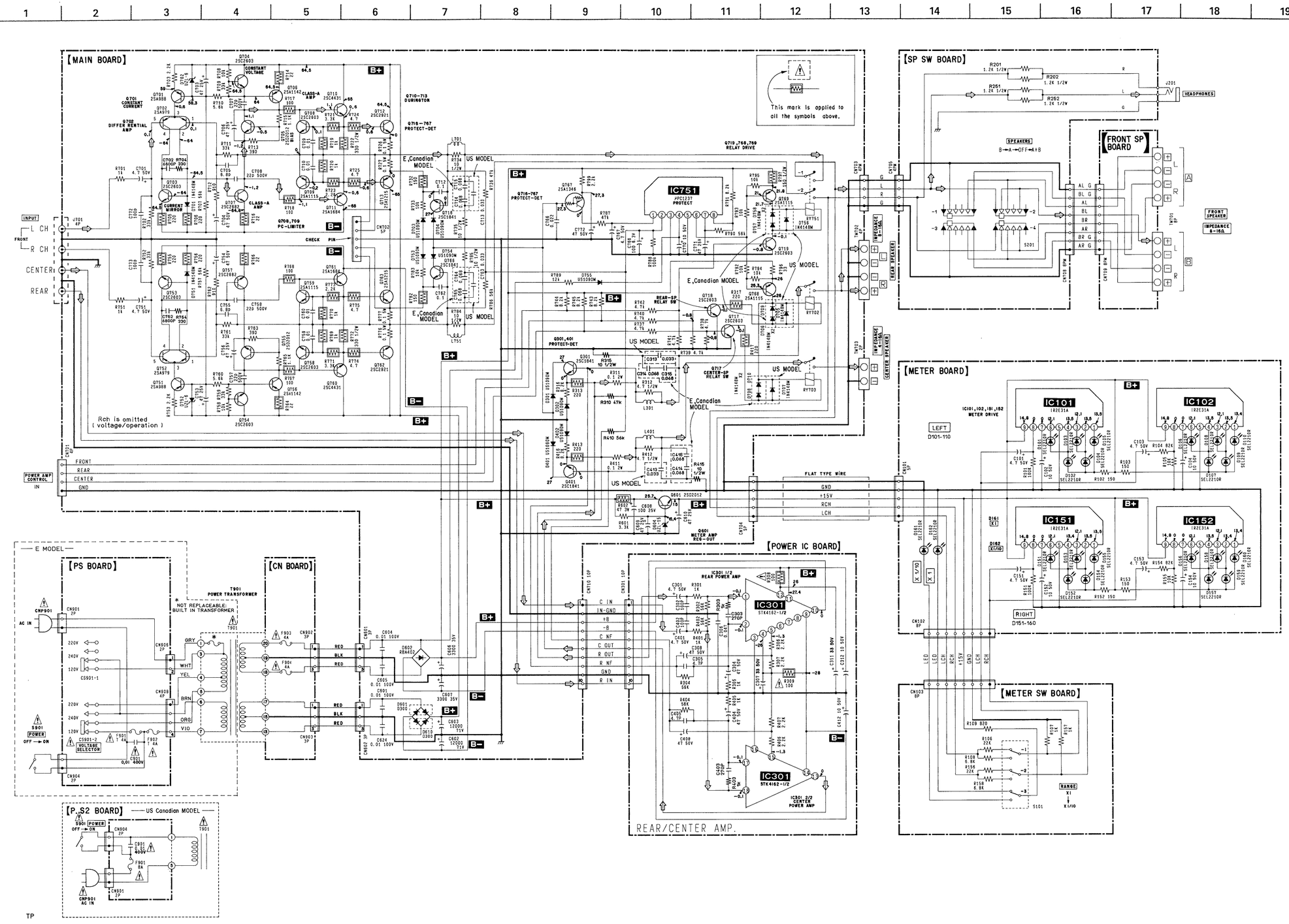
Ref. No.	Location	Ref. No.	Location
D101	G-18	D758	D-7
D102	H-18		
D103	H-18	IC101	H-17
D104	H-18	IC102	F-17
D105	H-18	IC151	H-16
D106	G-18	IC152	G-16
D107	G-18	IC301	I-8
D108	G-18	IC751	E-6
D109	G-18		
D110	G-18	Q301	F-5
D151	G-15	Q401	F-5
D152	H-15	Q601	F-12
D153	H-15	Q701	C-10
D154	H-15	Q702	C-11
D155	H-15	Q703	C-11
D156	G-15	Q704	C-10
D157	G-15	Q705	A-10
D158	G-15	Q706	B-10
D159	G-15	Q707	B-11
D160	G-15	Q708	B-10
D161	H-17	Q709	B-12
D162	H-16	Q710	B-9
D301	F-5	Q711	B-12
D302	F-5	Q712	A-9
D401	F-5	Q713	A-12
D402	G-5	Q716	C-12
D601	E-10	Q717	D-3
D602	F-12	Q718	D-3
D604	D-12	Q719	D-3
D610	D-10	Q751	C-4
D701	C-11	Q752	C-5
D702	C-11	Q753	C-5
D703	C-12	Q754	C-4
D704	D-6	Q755	A-5
D705	E-4	Q756	B-4
D706	E-4	Q757	B-6
D707	E-4	Q758	B-5
D708	E-3	Q759	B-7
D709	E-4	Q760	B-4
D710	E-3	Q761	B-7
D751	C-5	Q762	A-4
D752	C-4	Q763	A-7
D753	C-6	Q766	C-6
D754	C-6	Q767	E-5
D755	E-11	Q768	E-4
D756	D-7	Q769	D-6
D757	D-7		

Note on PRINTED WIRING BOARDS

- ○—— : Parts extracted from the component side.
- ○—○— : Jumper wire connected to the ground pattern on the component side.
- ▒▒▒ : Pattern on the side which is seen.



3-3. SCHEMATIC DIAGRAM •See page 12 for IC BLOCK DIAGRAMS.



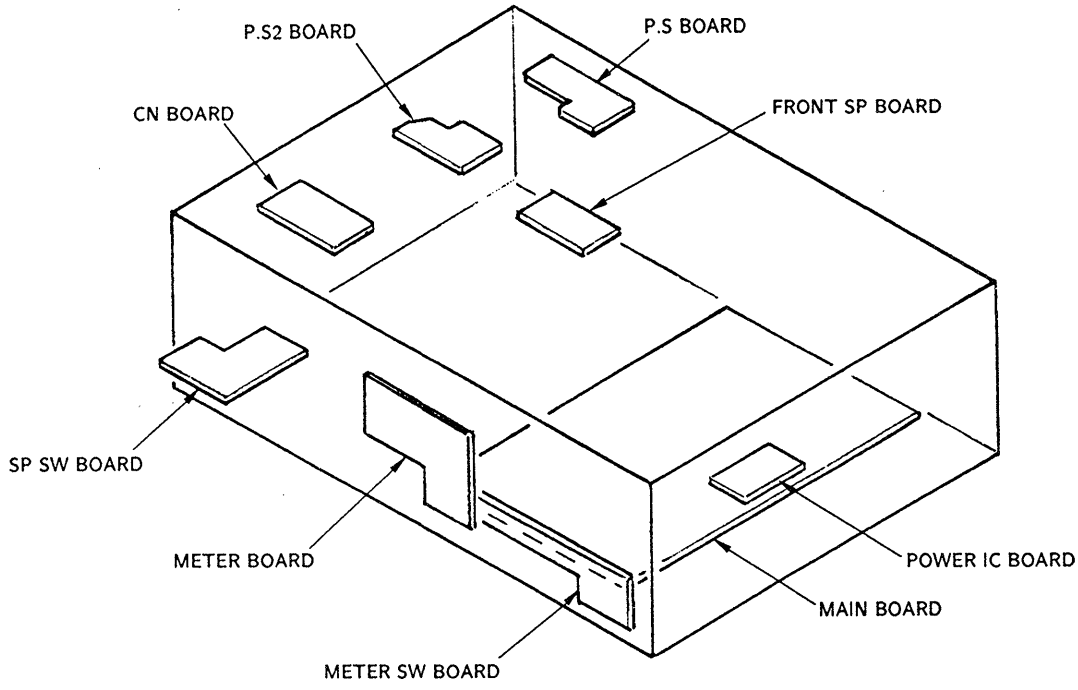
Note on Schematic Diagram :

- All capacitors are in μF unless otherwise noted. pF: μμF 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and ¼ W or less unless otherwise specified.
- ▭ : nonflammable resistor.

Note:	Note:
The components identified by matk ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number sppecified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifie.

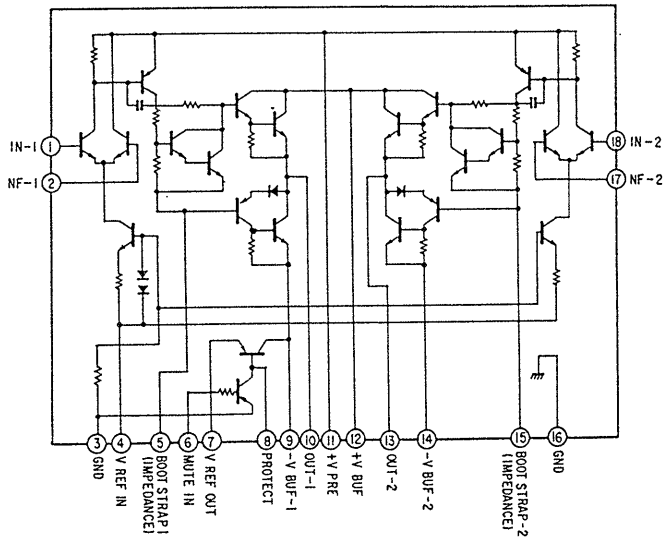
- B+ : B + Line
- B− : B − Line
- Voltage and waveforms are dc with respect to ground under no-signal conditions.
- Voltages are taken with a VOM (input impedance 10 MΩ). Voltage variations may be noted due to normal production tolerances.
- Signal path.

3-4. CIRCUIT BOARDS LOCATION

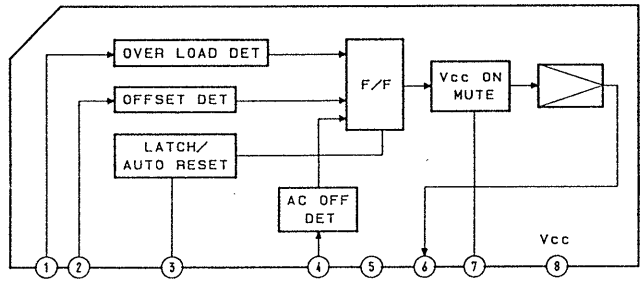


3-5. IC BLOCK DIAGRAMS

● IC301 STK-4162MK2



● IC751 UPC1237HA

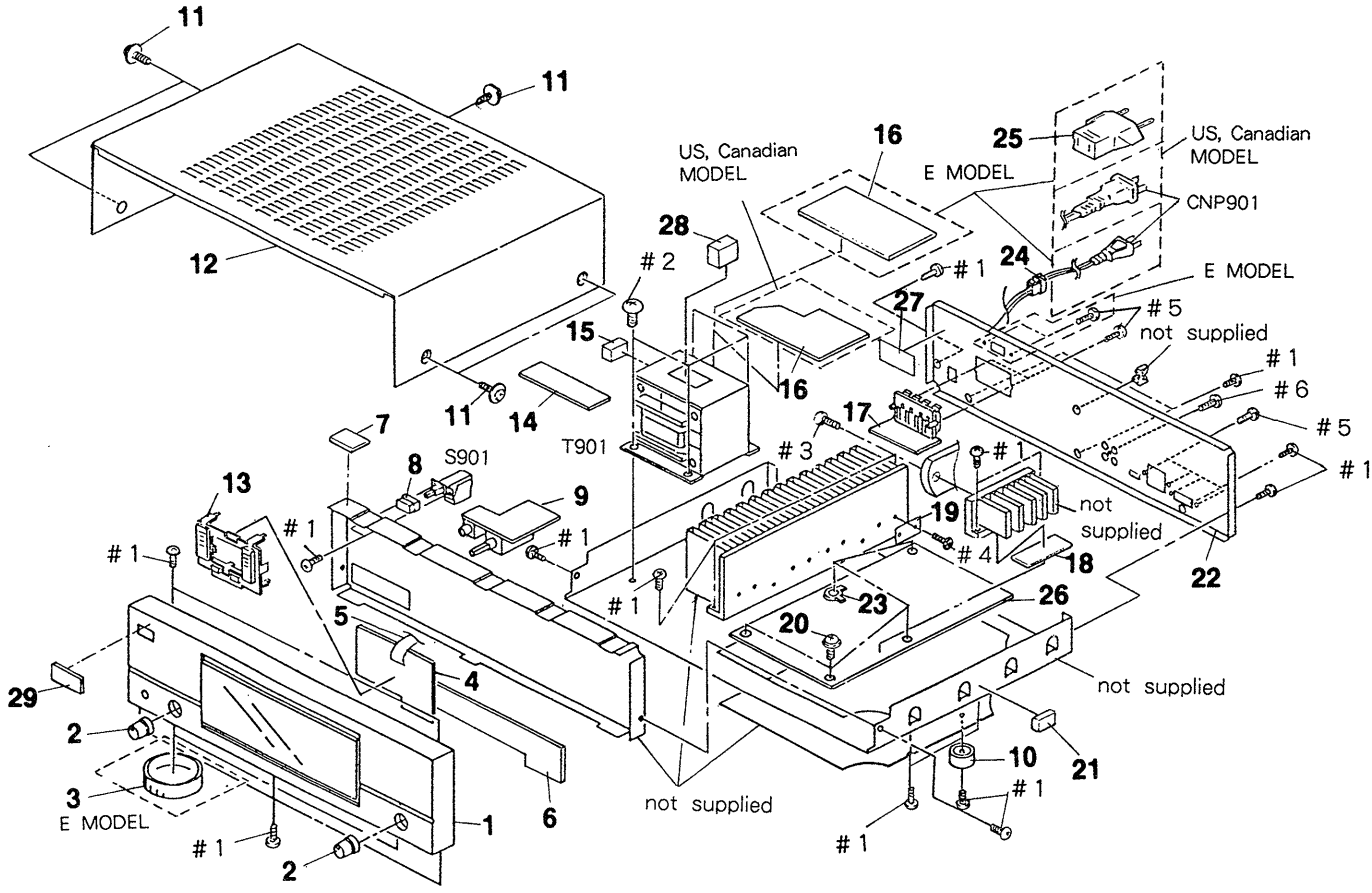


SECTION 4
EXPLODED VIEWS

NOTE:

- -XX, -X mean standardized parts, so they may have some differences from the original one.
- Color Indication of Appearance Parts
  Example :
  KNOB, BALANCE (WHITE)...(RED)
  ↑ ↑
  Parts color Cabinet's color
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Hardware (# mark) list is given in the last of this parts list.

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.
Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spéci-fie.



Ref. No.	Part No.	Description	Remark
1	X-4942-292-1	PANEL ASSY, FRONT (US, Canadian)	
1	X-4942-293-1	PANEL ASSY, FRONT (E)	
2	4-943-420-11	KNOB (DIA. 19)	
* 3	4-929-030-11	RING (DIA. 58A), ORNAMENTAL (E)	
* 4	1-643-358-11	METER, BOARD	
5	1-575-662-11	WIRE, FLAT TYPE (5 CORE)	
* 6	1-643-359-11	METER SW, BOARD	
7	9-911-841-XX	CUSHION	
8	3-354-912-01	KNOB, POWER	
* 9	1-643-356-11	SP, SW BOARD	
10	4-933-601-01	FOOT	
11	3-704-366-01	SCREW (CASE) (M3X8)	
* 12	4-924-920-71	CASE	
* 13	4-945-827-01	HOLDER, LED	
* 14	1-643-361-11	CN BOARD	
* 15	3-720-698-01	SPACER (SMALL), NA	
* 16	1-643-363-11	P, S BOARD (E)	
* 16	1-643-360-11	P, S 2 BOARD (US, Canadian)	
* 17	1-643-357-11	FRONT SP, BOARD	
* 18	A-4347-313-A	POWER IC BOARD, COMPLETE (US)	
* 18	A-4347-320-A	POWER IC BOARD, COMPLETE (Canadian)	
* 18	A-4347-323-A	POWER IC BOARD, COMPLETE (E)	

Ref. No.	Part No.	Description	Remark
19	4-885-901-31	SHEET, RADIATION	
20	4-886-821-11	SCREW, S TIGHT, +PTTWH 3X6	
21	9-911-840-XX	CUSHION	
* 22	4-949-956-01	PANEL, BACK (US)	
* 22	4-949-956-11	PANEL, BACK (E)	
* 22	4-949-956-21	PANEL, BACK (Canadian)	
* 23	4-942-204-01	PLATE, GRAND	
* 24	3-703-244-00	BUSHING (2104), CORD (US, Canadian)	
* 24	3-703-571-11	BUSHING (S) (4516), CORD (E)	
⚠25	1-569-007-11	ADAPTER, CONVERSION 2P (E)	
* 26	A-4347-311-A	MAIN BOARD, COMPLETE (US)	
* 26	A-4347-319-A	MAIN BOARD, COMPLETE (Canadian)	
* 26	A-4347-321-A	MAIN BOARD, COMPLETE (E)	
* 27	3-703-044-26	LABEL, CAUTION (US, Canadian)	
28	9-911-843-XX	CUSHION	
29	4-925-334-11	EMBLEM (5-A), SONY (E)	
⚠CNP901	1-574-902-11	CORD, POWER (E)	
⚠CNP901	1-590-771-11	CORD, POWER (US, Canadian)	
⚠S901	1-554-538-00	SWITCH, PUSH (AC POWER) (1 KEY)	
⚠T901	1-450-803-11	TRANSFORMER, POWER (US)	
⚠T901	1-450-804-11	TRANSFORMER, POWER (E)	
⚠T901	1-450-829-11	TRANSFORMER, POWER (Canadian)	

SECTION 5
ELECTRICAL PARTS LIST

CN MAIN

NOTE:

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spéci-fie.

When indicating parts by reference number, please include the board name.

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- −XX, −X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
  All resistors are in ohms.
  METAL : metal-film resistor
  METAL OXIDE : Metal Oxide-film resistor
  F : nonflammable
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS
  In each case, u : μ, for example :
  uA... : μA... , uPA... , μPA... , uPB... , μPB... , uPC... , μPC... , uPD..., μPD...
- CAPACITORS :
  uF : μF
- COILS
  uH : μH

Ref. No.	Part No.	Description				Remark
*	1-643-361-11	CN BOARD				
		********				
		< FUSE >				
⚠F903	1-532-350-00	FUSE 4A 250V (E)				
⚠F903	1-576-108-11	FUSE 4A 125V (US, Canadian)				
⚠F904	1-532-350-00	FUSE 4A 250V (E)				
⚠F904	1-576-108-11	FUSE 4A 125V (US, Canadian)				
**********						
*	A-4347-311-A	MAIN BOARD, COMPLETE (US)				
*	A-4347-319-A	MAIN BOARD, COMPLETE (Canadian)				
*	A-4347-321-A	MAIN BOARD, COMPLETE (E)				
		******************************				
*	4-942-204-01	PLATE, GROUND				
*	4-945-829-01	HOLDER, LED				
		< CAPACITOR >				
C313	1-130-489-00	MYLAR	0.033uF	5%	50V (US)	
C314	1-130-493-00	MYLAR	0.068uF	5%	50V (Canadian, E)	
C315	1-130-493-00	MYLAR	0.068uF	5%	50V (Canadian, E)	
C413	1-130-489-00	MYLAR	0.033uF	5%	50V (US)	
C414	1-130-493-00	MYLAR	0.068uF	5%	50V (Canadian, E)	
C415	1-130-493-00	MYLAR	0.068uF	5%	50V (Canadian, E)	
C601	1-106-367-00	MYLAR	0.01uF	5%	200V	
C602	1-125-573-11	ELECT (BLOCK)	12000uF	20%	71V	
C603	1-125-573-11	ELECT (BLOCK)	12000uF	20%	71V	
C604	1-106-367-00	MYLAR	0.01uF	5%	200V	
C605	1-106-367-00	MYLAR	0.01uF	5%	200V	
C606	1-126-860-11	ELECT	3300uF	20%	35V	
C607	1-126-860-11	ELECT	3300uF	20%	35V	
C608	1-124-478-11	ELECT	100uF	20%	25V	
C609	1-124-477-11	ELECT	47uF	20%	25V	
C610	1-124-477-11	ELECT	47uF	20%	25V	
C624	1-106-367-00	MYLAR	0.01uF	5%	200V	
C701	1-124-927-11	ELECT	4.7uF	20%	100V	
C702	1-162-292-31	CERAMIC	680PF	10%	50V	
C703	1-126-750-11	ELECT	47uF	20%	25V	
C704	1-124-910-11	ELECT	47uF	20%	50V	
C705	1-162-197-31	CERAMIC	6.8PF	10%	50V	
C706	1-126-750-11	ELECT	47uF	20%	25V	
C707	1-161-959-00	CERAMIC	22PF	10%	500V	
C708	1-161-959-00	CERAMIC	22PF	10%	500V	
C709	1-130-483-00	MYLAR	0.01uF	5%	50V	
C710	1-130-483-00	MYLAR	0.01uF	5%	50V	
C712	1-130-495-00	MYLAR	0.1uF	5%	50V	
C713	1-130-489-00	MYLAR	0.033uF	5%	50V (US)	
C714	1-130-493-00	MYLAR	0.068uF	5%	50V (Canadian, E)	
C715	1-130-493-00	MYLAR	0.068uF	5%	50V (Canadian, E)	
C751	1-124-927-11	ELECT	4.7uF	20%	100V	
C752	1-162-292-31	CERAMIC	680PF	10%	50V	
C753	1-126-750-11	ELECT	47uF	20%	25V	
C754	1-124-910-11	ELECT	47uF	20%	50V	
C755	1-162-197-31	CERAMIC	6.8PF	10%	50V	
C756	1-126-750-11	ELECT	47uF	20%	25V	
C757	1-161-959-00	CERAMIC	22PF	10%	500V	
C758	1-161-959-00	CERAMIC	22PF	10%	500V	
C759	1-130-483-00	MYLAR	0.01uF	5%	50V	
C760	1-130-483-00	MYLAR	0.01uF	5%	50V	
C762	1-130-495-00	MYLAR	0.1uF	5%	50V	
C763	1-130-489-00	MYLAR	0.033uF	5%	50V (US)	
C764	1-130-493-00	MYLAR	0.068uF	5%	50V (Canadian, E)	
C765	1-130-493-00	MYLAR	0.068uF	5%	50V (Canadian, E)	
C766	1-161-494-00	CERAMIC	0.022uF		25V	
C767	1-124-927-11	ELECT	4.7uF	20%	100V	
C768	1-124-443-00	ELECT	100uF	20%	10V	
C770	1-124-907-11	ELECT	10uF	20%	50V	
C771	1-124-477-11	ELECT	47uF	20%	25V	
C772	1-124-910-11	ELECT	47uF	20%	50V	
C773	1-162-282-31	CERAMIC	100PF	10%	50V	

MAIN

Ref. No.	Part No.	Description	Remark
		< CONNECTOR >	
* CN102	1-562-573-11	SOCKET, CONNECTOR 8P	
CN701	1-566-211-11	PIN, CONNECTOR 4P (POWER AMP CONTROL)	
* CN702	1-560-531-00	PIN, CONNECTOR 5P (CHECK PIN)	
* CN704	1-568-824-11	SOCKET, CONNECTOR 5P	
* CN710	1-506-608-11	PIN, CONNECTOR 10P	
		< DIODE >	
D301	8-719-815-85	DIODE 1S1585	
D302	8-719-815-85	DIODE 1S1585	
D401	8-719-815-85	DIODE 1S1585	
D402	8-719-815-85	DIODE 1S1585	
D601	8-719-200-80	DIODE D300	
D602	8-719-312-09	DIODE RBA-402	
D604	8-719-001-94	DIODE UZL-15H	
D610	8-719-200-80	DIODE D300	
D701	8-719-987-63	DIODE 1N4148M	
D702	8-719-933-36	DIODE HZS6B1L	
D703	8-719-815-85	DIODE 1S1585	
D704	8-719-815-85	DIODE 1S1585	
D705	8-719-987-63	DIODE 1N4148M (US)	
D706	8-719-987-63	DIODE 1N4148M (Canadian, E)	
D707	8-719-987-63	DIODE 1N4148M (US)	
D708	8-719-987-63	DIODE 1N4148M (Canadian, E)	
D709	8-719-987-63	DIODE 1N4148M (Canadian, E)	
D710	8-719-987-63	DIODE 1N4148M (Canadian, E)	
D751	8-719-987-63	DIODE 1N4148M	
D752	8-719-933-36	DIODE HZS6B1L	
D753	8-719-815-85	DIODE 1S1585	
D754	8-719-815-85	DIODE 1S1585	
D755	8-719-815-85	DIODE 1S1585	
D756	8-719-987-63	DIODE 1N4148M (US)	
D757	8-719-987-63	DIODE 1N4148M (Canadian, E)	
D758	8-719-987-63	DIODE 1N4148M (Canadian, E)	
		< IC >	
IC751	8-759-111-68	IC uPC1237HA	
		< JACK >	
J701	1-565-258-11	JACK, PIN 4P (INPUT)	
		< COIL >	
L301	1-420-872-00	COIL, AIR CORE	
L401	1-420-872-00	COIL, AIR CORE	
L701	1-420-872-00	COIL, AIR CORE	
L751	1-420-872-00	COIL, AIR CORE	

Ref. No.	Part No.	Description	Remark
		< TRANSISTOR >	
Q301	8-729-140-84	TRANSISTOR 2SC1841-PAFAEA	
Q401	8-729-140-84	TRANSISTOR 2SC1841-PAFAEA	
Q601	8-729-209-15	TRANSISTOR 2SD2012	
Q701	8-729-140-82	TRANSISTOR 2SA988-PAFAEA	
Q702	8-729-620-18	TRANSISTOR 2SA979-FG	
Q703	8-729-620-05	TRANSISTOR 2SC2603-EF	
Q704	8-729-620-05	TRANSISTOR 2SC2603-EF	
Q705	8-729-209-15	TRANSISTOR 2SD2012	
Q706	8-729-141-06	TRANSISTOR 2SA1142-QPE	
Q707	8-729-141-05	TRANSISTOR 2SC2682-QPE	
Q708	8-729-620-05	TRANSISTOR 2SC2603-EF	
Q709	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q710	8-729-141-46	TRANSISTOR 2SC4431-LK	
Q711	8-729-141-37	TRANSISTOR 2SA1684-LK	
Q712	8-729-320-97	TRANSISTOR 2SC2921M	
Q713	8-729-010-96	TRANSISTOR 2SA1215M-OPY	
Q716	8-729-140-84	TRANSISTOR 2SC1841-PAFAEA	
Q717	8-729-620-05	TRANSISTOR 2SC2603-EF	
Q718	8-729-620-05	TRANSISTOR 2SC2603-EF	
Q719	8-729-620-05	TRANSISTOR 2SC2603-EF	
Q751	8-729-140-82	TRANSISTOR 2SA988-PAFAEA	
Q752	8-729-620-18	TRANSISTOR 2SA979-FG	
Q753	8-729-620-05	TRANSISTOR 2SC2603-EF	
Q754	8-729-620-05	TRANSISTOR 2SC2603-EF	
Q755	8-729-209-15	TRANSISTOR 2SD2012	
Q756	8-729-141-06	TRANSISTOR 2SA1142-QPE	
Q757	8-729-141-05	TRANSISTOR 2SC2682-QPE	
Q758	8-729-620-05	TRANSISTOR 2SC2603-EF	
Q759	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q760	8-729-141-46	TRANSISTOR 2SC4431-LK	
Q761	8-729-141-37	TRANSISTOR 2SA1684-LK	
Q762	8-729-320-97	TRANSISTOR 2SC2921M	
Q763	8-729-010-96	TRANSISTOR 2SA1215M-OPY	
Q766	8-729-140-84	TRANSISTOR 2SC1841-PAFAEA	
Q767	8-729-900-63	TRANSISTOR DTA124ES	
Q768	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q769	8-729-119-76	TRANSISTOR 2SA1175-HFE	
		< RESISTOR >	
R310	1-249-437-11	CARBON 47K 5% 1/4W	
R311	1-217-611-00	RES, METAL PLATE 0.1	
R312	1-260-072-11	CARBON 4.7 5% 1/2W	
⚠R313	1-247-704-11	CARBON 220 5% 1/4W	
R315	1-260-076-11	CARBON 10 5% 1/2W	
R316	1-249-428-11	CARBON 8.2K 5% 1/4W	

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Ref. No.	Part No.	Description				Remark
R317	1-247-704-11	CARBON	220	5%	1/4W	
R410	1-249-438-11	CARBON	56K	5%	1/4W	
R411	1-217-611-00	RES, METAL PLATE	0.1			
R412	1-260-072-11	CARBON	4.7	5%	1/2W	
⚠R413	1-247-704-11	CARBON	220	5%	1/4W	
R415	1-260-076-11	CARBON	10	5%	1/2W	
R416	1-249-428-11	CARBON	8.2K	5%	1/4W	
⚠R417	1-247-704-11	CARBON	220	5%	1/4W	
R601	1-249-423-11	CARBON	3.3K	5%	1/4W	
⚠R602	1-215-909-11	METAL OXIDE	47	5%	3W	F
R701	1-249-417-11	CARBON	1K	5%	1/4W	
R702	1-249-435-11	CARBON	33K	5%	1/4W	
R703	1-249-421-11	CARBON	2.2K	5%	1/4W	
R704	1-249-411-11	CARBON	330	5%	1/4W	
⚠R705	1-247-704-11	CARBON	220	5%	1/4W	
⚠R706	1-247-704-11	CARBON	220	5%	1/4W	
R707	1-249-438-11	CARBON	56K	5%	1/4W	
R708	1-249-429-11	CARBON	10K	5%	1/4W	
R709	1-249-435-11	CARBON	33K	5%	1/4W	
R710	1-249-426-11	CARBON	5.6K	5%	1/4W	
R711	1-249-435-11	CARBON	33K	5%	1/4W	
R712	1-247-830-11	CARBON	910	5%	1/4W	
R713	1-249-412-11	CARBON	390	5%	1/4W	
⚠R714	1-247-692-11	CARBON	22	5%	1/4W	
R715	1-247-832-11	CARBON	1.1K	5%	1/4W	
⚠R716	1-247-692-11	CARBON	22	5%	1/4W	
⚠R717	1-247-700-11	CARBON	100	5%	1/4W	
⚠R718	1-247-700-11	CARBON	100	5%	1/4W	
⚠R719	1-247-713-11	CARBON	1K	5%	1/4W	
⚠R720	1-247-713-11	CARBON	1K	5%	1/4W	
⚠R721	1-247-719-11	CARBON	3.3K	5%	1/4W	
⚠R722	1-247-745-11	CARBON	330	5%	1/2W	
⚠R723	1-247-717-11	CARBON	2.2K	5%	1/4W	
⚠R724	1-249-455-11	CARBON	4.7	5%	1/4W	
⚠R725	1-249-455-11	CARBON	4.7	5%	1/4W	
R726	1-214-789-00	RES, METAL PLATE	0.1			
R727	1-214-789-00	RES, METAL PLATE	0.1			
⚠R732	1-247-702-11	CARBON	150	5%	1/4W	
R733	1-249-429-11	CARBON	10K	5%	1/4W	
R734	1-260-076-11	CARBON	10	5%	1/2W	
R735	1-260-076-11	CARBON	10	5%	1/2W	
R736	1-249-437-11	CARBON	47K	5%	1/4W	
R737	1-249-425-11	CARBON	4.7K	5%	1/4W	
R738	1-249-425-11	CARBON	4.7K	5%	1/4W	
R739	1-249-425-11	CARBON	4.7K	5%	1/4W	
R740	1-249-425-11	CARBON	4.7K	5%	1/4W	
R741	1-249-425-11	CARBON	4.7K	5%	1/4W	
R742	1-249-425-11	CARBON	4.7K	5%	1/4W	
R743	1-249-428-11	CARBON	8.2K	5%	1/4W	

Ref. No.	Part No.	Description				Remark
R744	1-249-428-11	CARBON	8.2K	5%	1/4W	
R745	1-249-428-11	CARBON	8.2K	5%	1/4W	
R751	1-249-417-11	CARBON	1K	5%	1/4W	
R752	1-249-435-11	CARBON	33K	5%	1/4W	
R753	1-249-421-11	CARBON	2.2K	5%	1/4W	
R754	1-249-411-11	CARBON	330	5%	1/4W	
⚠R755	1-247-704-11	CARBON	220	5%	1/4W	
⚠R756	1-247-704-11	CARBON	220	5%	1/4W	
R757	1-249-438-11	CARBON	56K	5%	1/4W	
R758	1-249-429-11	CARBON	10K	5%	1/4W	
R759	1-249-435-11	CARBON	33K	5%	1/4W	
R760	1-249-426-11	CARBON	5.6K	5%	1/4W	
R761	1-249-435-11	CARBON	33K	5%	1/4W	
R762	1-247-830-11	CARBON	910	5%	1/4W	
R763	1-249-412-11	CARBON	390	5%	1/4W	
⚠R764	1-247-692-11	CARBON	22	5%	1/4W	
R765	1-247-832-11	CARBON	1.1K	5%	1/4W	
⚠R766	1-247-692-11	CARBON	22	5%	1/4W	
⚠R767	1-247-700-11	CARBON	100	5%	1/4W	
⚠R768	1-247-700-11	CARBON	100	5%	1/4W	
⚠R769	1-247-713-11	CARBON	1K	5%	1/4W	
⚠R770	1-247-713-11	CARBON	1K	5%	1/4W	
⚠R771	1-247-719-11	CARBON	3.3K	5%	1/4W	
⚠R772	1-247-745-11	CARBON	330	5%	1/2W	
⚠R773	1-247-717-11	CARBON	2.2K	5%	1/4W	
⚠R774	1-249-455-11	CARBON	4.7	5%	1/4W	
⚠R775	1-249-455-11	CARBON	4.7	5%	1/4W	
R776	1-214-789-00	RES, METAL PLATE	0.1			
R777	1-214-789-00	RES, METAL PLATE	0.1			
⚠R782	1-247-702-11	CARBON	150	5%	1/4W	
R783	1-249-429-11	CARBON	10K	5%	1/4W	
R784	1-260-076-11	CARBON	10	5%	1/2W	
R785	1-260-076-11	CARBON	10	5%	1/2W	
R786	1-249-438-11	CARBON	56K	5%	1/4W	
R787	1-249-437-11	CARBON	47K	5%	1/4W	
R788	1-249-441-11	CARBON	100K	5%	1/4W	
R789	1-249-430-11	CARBON	12K	5%	1/4W	
R790	1-249-438-11	CARBON	56K	5%	1/4W	
R791	1-249-428-11	CARBON	8.2K	5%	1/4W	
R792	1-249-429-11	CARBON	10K	5%	1/4W	
R793	1-249-429-11	CARBON	10K	5%	1/4W	
R794	1-249-429-11	CARBON	10K	5%	1/4W	
R795	1-249-429-11	CARBON	10K	5%	1/4W	
R796	1-249-399-11	CARBON	33	5%	1/4W	
⚠R797	1-247-741-11	CARBON	150	5%	1/2W	F
R799	1-249-421-11	CARBON	2.2K	5%	1/4W	

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MAIN | METER | METER SW

Ref.No.	Part No.	Description			Remark
		< RELAY >			
RY702	1-515-790-11	RELAY (REAR SP)			
RY703	1-515-790-11	RELAY (CENTER SP)			
RY751	1-515-356-00	RELAY (FRONT SP)			
		< TERMINAL >			
* TM702	1-537-240-41	TERMINAL BOARD (CHECKER PIN)			
TM703	1-536-707-21	TERMINAL BOARD, PUSH 2P			
**********					
*	1-643-358-11	METER BOARD			
		**********			
		< CAPACITOR >			
C101	1-126-163-11	ELECT	4.7uF	20% 50V	
C102	1-124-261-00	ELECT	10uF	20% 50V	
C103	1-126-163-11	ELECT	4.7uF	20% 50V	
C104	1-124-261-00	ELECT	10uF	20% 50V	
C151	1-126-163-11	ELECT	4.7uF	20% 50V	
C152	1-124-261-00	ELECT	10uF	20% 50V	
C153	1-126-163-11	ELECT	4.7uF	20% 50V	
C154	1-124-261-00	ELECT	10uF	20% 50V	
		< CONNECTOR >			
* CN101	1-568-848-11	SOCKET, CONNECTOR 5P			
		< DIODE >			
D101	8-719-304-78	DIODE	SEL2210R-D		
D102	8-719-304-78	DIODE	SEL2210R-D		
D103	8-719-304-78	DIODE	SEL2210R-D		
D104	8-719-304-78	DIODE	SEL2210R-D		
D105	8-719-304-78	DIODE	SEL2210R-D		
D106	8-719-304-78	DIODE	SEL2210R-D		
D107	8-719-304-78	DIODE	SEL2210R-D		
D108	8-719-304-78	DIODE	SEL2210R-D		
D109	8-719-304-78	DIODE	SEL2210R-D		
D110	8-719-304-78	DIODE	SEL2210R-D		
D151	8-719-304-78	DIODE	SEL2210R-D		
D152	8-719-304-78	DIODE	SEL2210R-D		
D153	8-719-304-78	DIODE	SEL2210R-D		
D154	8-719-304-78	DIODE	SEL2210R-D		
D155	8-719-304-78	DIODE	SEL2210R-D		
D156	8-719-304-78	DIODE	SEL2210R-D		
D157	8-719-304-78	DIODE	SEL2210R-D		
D158	8-719-304-78	DIODE	SEL2210R-D		
D159	8-719-304-78	DIODE	SEL2210R-D		
D160	8-719-304-78	DIODE	SEL2210R-D		
D161	8-719-304-78	DIODE	SEL2210R-D		
D162	8-719-304-78	DIODE	SEL2210R-D		
		< IC >			
IC101	8-759-917-42	IC	IR2E31A		
IC102	8-759-917-42	IC	IR2E31A		
IC151	8-759-917-42	IC	IR2E31A		
IC152	8-759-917-42	IC	IR2E31A		
		< RESISTOR >			
R101	1-249-441-11	CARBON	100K	5% 1/4W	
R102	1-249-407-11	CARBON	150	5% 1/4W	
R103	1-249-407-11	CARBON	150	5% 1/4W	
R104	1-249-440-11	CARBON	82K	5% 1/4W	
R105	1-249-429-11	CARBON	10K	5% 1/4W	
R151	1-249-441-11	CARBON	100K	5% 1/4W	
R152	1-249-407-11	CARBON	150	5% 1/4W	
R153	1-249-407-11	CARBON	150	5% 1/4W	
R154	1-249-440-11	CARBON	82K	5% 1/4W	
R155	1-249-429-11	CARBON	10K	5% 1/4W	
**********					
*	1-643-359-11	METER SW BOARD			
		**********			
		< CONNECTOR >			
* CN103	1-564-599-11	PIN, CONNECTOR 8P			
		< RESISTOR >			
R106	1-249-433-11	CARBON	22K	5% 1/4W	
R107	1-249-417-11	CARBON	1K	5% 1/4W	
R108	1-249-427-11	CARBON	6.8K	5% 1/4W	
R109	1-249-416-11	CARBON	820	5% 1/4W	
R156	1-249-433-11	CARBON	22K	5% 1/4W	
R157	1-249-417-11	CARBON	1K	5% 1/4W	
R158	1-249-427-11	CARBON	6.8K	5% 1/4W	
		< SWITCH >			
S101	1-572-816-11	SWITCH, ROTARY (RANGE)			
**********					

POWER | **P.S 2** | **P.S** | **SP SW**

Ref. No.	Part No.	Description			Remark
*	A-4347-313-A	POWER IC BOARD, COMPLETE (US)			
*	A-4347-320-A	POWER IC BOARD, COMPLETE (Canadian)			
*	A-4347-323-A	POWER IC BOARD, COMPLETE (E)			
		**********			
		< CAPACITOR >			
C301	1-124-927-11	ELECT	4.7uF	20%	100V
C302	1-162-282-31	CERAMIC	100PF	10%	50V
C303	1-162-287-31	CERAMIC	270PF	10%	50V
C304	1-124-910-11	ELECT	47uF	20%	50V
C305	1-162-195-31	CERAMIC	4.7PF	10%	50V
C306	1-130-491-00	MYLAR	0.047uF	5%	50V
C307	1-124-917-11	ELECT	33uF	20%	63V
C308	1-124-910-11	ELECT	47uF	20%	50V
C311	1-124-917-11	ELECT	33uF	20%	63V
C312	1-124-907-11	ELECT	10uF	20%	50V
C401	1-124-927-11	ELECT	4.7uF	20%	100V
C402	1-162-282-31	CERAMIC	100PF	10%	50V
C403	1-162-287-31	CERAMIC	270PF	10%	50V
C404	1-124-910-11	ELECT	47uF	20%	50V
C405	1-162-195-31	CERAMIC	4.7PF	10%	50V
C408	1-124-910-11	ELECT	47uF	20%	50V
C412	1-124-907-11	ELECT	10uF	20%	50V
		< CONNECTOR >			
* CN301	1-562-334-00	SOCKET, CONNECTOR 10P			
		< IC >			
IC301	8-749-900-24	IC STK-4162MK2			
		< RESISTOR >			
R301	1-249-417-11	CARBON	1K	5%	1/4W
R302	1-249-438-11	CARBON	56K	5%	1/4W
R303	1-249-417-11	CARBON	1K	5%	1/4W
R304	1-249-438-11	CARBON	56K	5%	1/4W
R305	1-249-417-11	CARBON	1K	5%	1/4W
R306	1-249-421-11	CARBON	2.2K	5%	1/4W
R307	1-249-421-11	CARBON	2.2K	5%	1/4W
R308	1-247-700-11	CARBON	100	5%	1/4W
R309	1-247-700-11	CARBON	100	5%	1/4W
R401	1-249-417-11	CARBON	1K	5%	1/4W
R402	1-249-438-11	CARBON	56K	5%	1/4W
R403	1-249-417-11	CARBON	1K	5%	1/4W
R404	1-249-438-11	CARBON	56K	5%	1/4W
R405	1-249-417-11	CARBON	1K	5%	1/4W
R406	1-249-421-11	CARBON	2.2K	5%	1/4W
R407	1-249-421-11	CARBON	2.2K	5%	1/4W

****

Ref. No.	Part No.	Description	Remark
*	1-643-360-11	P.S 2 BOARD (US, Canadian)	
		**********	
	1-533-225-11	HOLDER, FUSE	
		< CAPACITOR >	
⚠C901	1-161-744-00	CERAMIC 0.01uF	400V
		< CONNECTOR >	
* CN901	1-564-321-00	PIN, CONNECTOR 2P	
* CN904	1-564-321-21	PIN, CONNECTOR 2P	
		< FUSE >	
⚠F901	1-532-749-11	FUSE GLASS TUBE 8A 125V (US, Canadian)	

****

*	1-643-363-11	P.S BOARD (E)	
		**********	
	1-533-225-11	HOLDER, FUSE	
		< CAPACITOR >	
⚠C901	1-161-744-00	CERAMIC 0.01uF	400V
		< CONNECTOR >	
* CN901	1-564-321-00	PIN, CONNECTOR 2P	
* CN904	1-564-321-21	PIN, CONNECTOR 2P	
* CN906	1-564-321-00	PIN, CONNECTOR 2P (E)	
⚠CN908	1-568-106-11	PIN, CONNECTOR 4P (E)	
		< VOLTAGE SELECTOR >	
⚠CS901	1-572-009-11	SELECTOR, VOLTAGE (E)	
		< FUSE >	
⚠F901	1-532-350-00	FUSE 4A 250V (E)	
⚠F902	1-532-350-00	FUSE 4A 250V (E)	

****

*	1-643-356-11	SP.SW BOARD	
		**********	
*	1-643-357-11	FRONT SP BOARD	
		**********	
		< JACK >	
J201	1-563-347-11	JACK, LARGE TYPE (HEADPHONES)	

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SP SW

Ref. No.	Part No.	Description	Remark
		< RESISTOR >	
R201	1-260-100-11	CARBON 1.2K 5% 1/2W	
R202	1-260-100-11	CARBON 1.2K 5% 1/2W	
R251	1-260-100-11	CARBON 1.2K 5% 1/2W	
R252	1-260-100-11	CARBON 1.2K 5% 1/2W	
		< SWITCH >	
S201	1-572-812-11	SWITCH, ROTARY SLIDE (SPEAKERS)	
		< TERMINAL >	
TM701	1-537-376-11	TERMINAL BOARD (SP)	
**********			
		MISCELLANEOUS	
		**********	
5	1-575-662-11	WIRE, FLAT TYPE (5 CORE)	
* 16	1-643-360-11	P, S2 BOARD (US, Canadian)	
⚠25	1-569-007-11	ADAPTER, CONVERSION 2P (E)	
⚠CNP901	1-574-902-11	CORD, POWER (E)	
⚠CNP901	1-590-771-11	CORD, POWER (US, Canadian)	
⚠S901	1-554-538-00	SWITCH, PUSH (AC POWER) (1 KEY)	
⚠T901	1-450-803-11	TRANSFORMER, POWER (US)	
⚠T901	1-450-804-11	TRANSFORMER, POWER (E)	
⚠T901	1-450-829-11	TRANSFORMER, POWER (Canadian)	
**********			
		ACCESSORIES & PACKING MATERIALS	
		**********	
	3-703-710-41	STICKER, SONY SYMBOL (12)	
	3-754-930-11	MANUAL, INSTRUCTION (E, Canadian) (ENGLISH/FRENCH)	
	3-754-930-21	MANUAL, INSTRUCTION (ENGLISH) (US)	
*	4-923-820-01	CUSHION	
*	4-949-874-01	INDIVIDUAL CARTON (US, E)	
**********			
		**********	
		HARDWARE LIST	
		**********	
#1	7-682-548-09	SCREW +BVTT 3X8 (S)	
#2	7-682-561-04	SCREW +BVTT 4X8 (S)	
#3	7-685-650-79	SCREW +BVTP 3X16	
#4	7-682-549-09	SCREW +B 3X10	
#5	7-685-646-79	SCREW +BVTP 3X8 TYPE2 N-S	
#6	7-621-849-00	SCREW, TAPPING	

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